

## XII.—MISCELLANEOUS.

(1.) *Botanical Phenomena*.—Among the earlier phenomena of spring vegetation we note the budding of forest trees at Colorado Springs on the 16th, the blooming of cherry trees at Rochester on the 12th. For Lunenburg, Massachusetts, a table has been furnished by the volunteer observer, giving the date of blooming of apple trees for 77 years past; the earliest recorded date is the 9th of May; the mean date is the 21st of May; the latest the 3d of June. The date for the current year is the 29th of May.

(2.) *Zoological Phenomena*.—The early appearance of insects injurious to vegetation is very generally noted, among which may be mentioned, in West Virginia and Kentucky, the so-called Colorado Potato Bug. In Western New York, myriads of small flies.

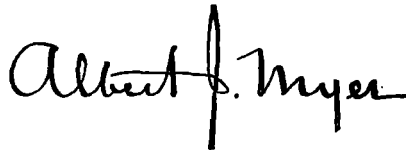
(3.) *Prairie and Forest Fires*.—These have been reported from the vicinity of Alpena, Breckenridge, Buffalo, Denver, Duluth, Keokuk, Pike's Peak, Rochester, and Vicksburg.

(4.) *Meteors*.—Unusually bright meteors have been reported on the following dates: The 8th, 10th, 14th, 16th, 17th, 18th, 19th, 20th, 21st, and 25th.

(5.) *Polar Bands*.—This peculiar arrangement of cirrus clouds was noticed on the 1st at Omaha; on the 2d at Key West, Toledo and Sandy Hook; on the 3d, at Atlantic City; on the 7th and 20th, at Key West; on the 22d, at Keokuk; on the 27th, at Atlantic City, and on the 29th, at Savannah.

(6.) *Earthquakes*.—The only earthquake phenomena that has been reported, consists in occasional and spasmodic repetitions of the shocks that were so frequently observed in the western portion of North Carolina in March.

PUBLISHED BY ORDER OF THE SECRETARY OF WAR.



*Brig. Gen. (Bvt. Assg<sup>l</sup>.) Chief Signal Officer, U. S. A.*

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